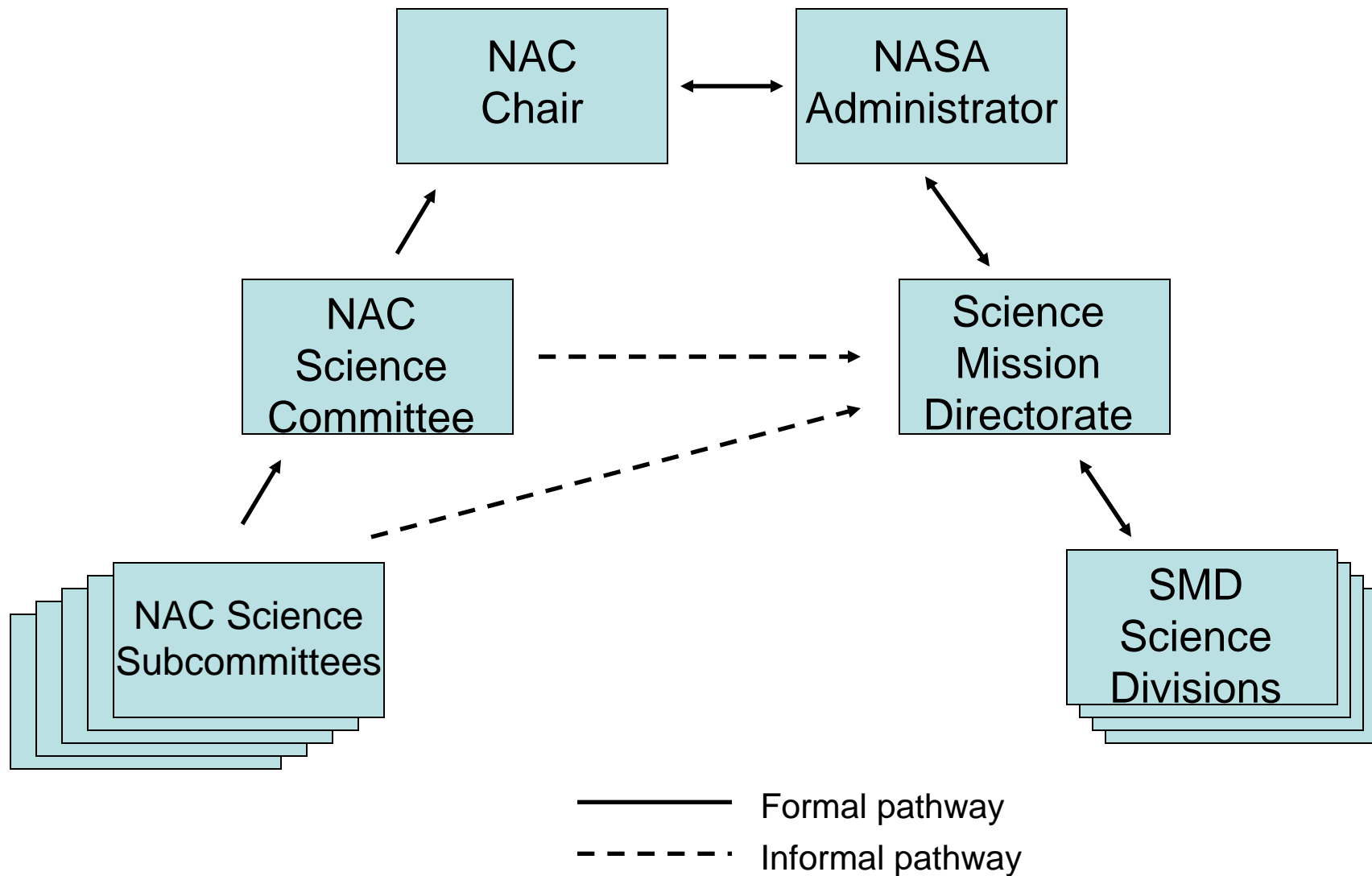


NAC Science Council Presentation to NAC Plenary

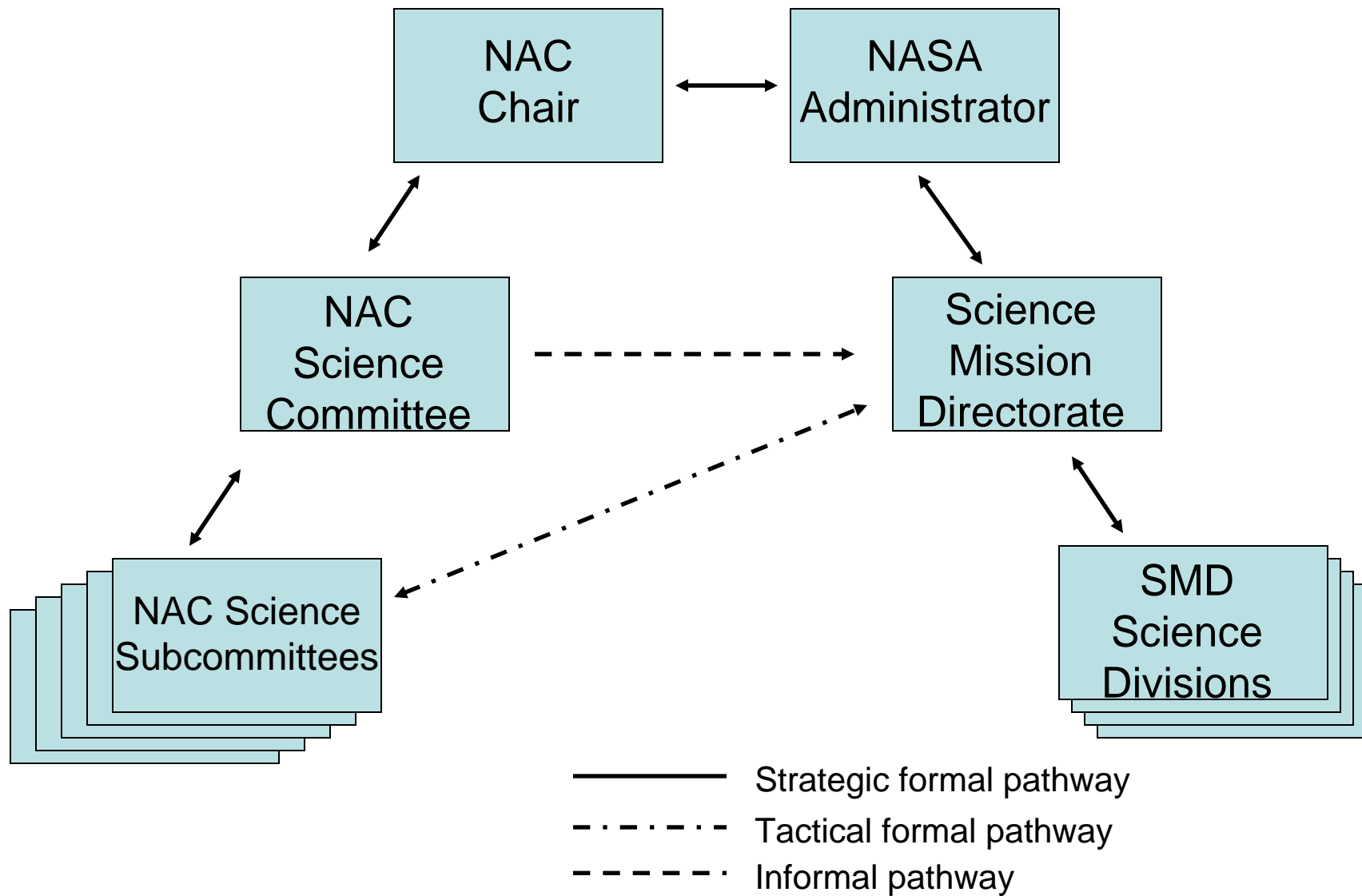
Dr. Charles F. Kennel

July 20, 2006

NAC Recommendations Flow



NAC Recommendations Flow



Recommendations on NAC/SC/Subcommittee Procedures

- Subcommittees should distinguish between strategic and tactical recommendations
 - Strategic recommendations (e.g. SMD R&A funding) should be made to the Science Committee for adoption by the NAC to give to the Administrator; response goes back to NAC
 - Tactical recommendations (e.g., comments on Science Plan sections) should be made to SMD management; response goes back to the Subcommittees
- Subcommittees meetings should be planned in a manner that enables an optimal mix of both plenary and individual subcommittee deliberation over the course of a year. Possible means:
 - Schedule the next year's meetings by Sept of the current year
 - Of nominal three meetings per year, at least two could be in jamboree mode, with nominally 25% of time in plenary
 - Increase plenary interactions when strategic topics warrant

Recommendations on NAC/SC/Subcommittee Procedures

- Improve flow of Subcommittee recommendations to NASA and feedback to Subcommittees
 - Science Committee should forward Subcommittee letters as written to SMD in parallel with SC deliberation
 - SC presentations to NAC should be made available to the Subcommittees
 - NAC letters to NASA and NASA response to NAC should be made available to the Subcommittees

Management of Small Missions

- NASA NPD 7120.5D defines common management insight/oversight processes for all missions
 - Waivers can be granted on mission by mission basis
- Small missions should have management insight/oversight processes commensurate with their nature (cost, schedule, PI-led, etc.)
- NAC/SC will invite the NASA Chief Engineer to discuss this topic in its next meeting
 - Someone from NASA's strategic communications organization should also participate given the importance of communicating with Congressional staff and other stakeholders on role and nature of small missions

Progress in Lunar Science Planning

- Conference timeframe selected (Feb/March '07)
- NAC/SC/Brad Jolliff to serve as General Chairman
- NRC/Space Studies Board phase 1 report available by Oct 1
- Each Subcommittee to conduct community outreach activity by Nov.
- SMD plans for incorporating Lunar science into SMD budget to be briefed to NAC/SC in meeting after next
- Lunar sortie science concept study proposals to be solicited and selected by March

Lunar Science Planning

- SMD should brief the SC on its lunar science plans in March
 - Results of Subcommittee discussions
 - Results of Lunar sortie science solicitation
- SMD should fund early science input to robotic lunar missions, including:
 - Capture of LRO data in the Planetary Data System
 - Participating scientists and data analysis from LRO and subsequent LPRP missions

Science Plan

- Feedback from Subcommittees indicates that development of the Science Plan is proceeding well
- Science Committee re-emphasizes its advice from May that the Plan should be robust enough to guide SMD choices if budget is greater or less than currently projected
- Science Committee will review SMD's overall responses to comments received from Subcommittees, NRC/Space Studies Board, and others in the October meeting.